



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

09/924,516

08/09/2001

Lila Madour

P13767US2

4067

7590

03/10/2005

SANDRA BEAUCHESNE

Ericsson Canada Inc.

8400 Decarie Blvd.

Town Mount Royal, QC H4P 2N2

CANADA

EXAMINER

CHANG, RICHARD

ART UNIT

PAPER NUMBER

2663

DATE MAILED: 03/10/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/924,516

Applicant(s)

MADOUR, LILA

Examiner

Richard Chang

Art Unit

2663

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 01 October 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-23 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 7-9, 14-16 and 18-23 is/are allowed.
- 6) ☒ Claim(s) 1-6, 10-13 and 17 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 10/01/2001.
- ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-6, 10-13 and 17 are rejected under 35 U.S.C. 102(e) as being clearly anticipated by US patent No. 6,634,050 ("Madour et al.").

Regarding claims 1-3 and 11, Madour et al. teach a cdma2000 network (35) (See Fig. 2, Col. 5, line 54 to Col. 6, line 14), and a method and system for a Packet Control Function (PCF, 53) participating in the set-up of a traffic path during mobile station (MN, 40) handoff in wherein the network further comprises a Base Station Controller (BSC, 51), and a Packet Data Serving Node (PDSN, 54), and the BSC is the target BSC for the MS comprising of:

the PCF (53) receiving of an "A9-Set-up-A8" message from the BSC (51),
then the PCF (53) sending an A10 Connection Request to the PDSN (54),
then the PCF (53) receiving an A10 Connection Result response from the PDSN (54), and
then the PCF (53) sending an "A9-Connect-A8" message to the BSC (51)

(See Fig. 3, Col. 7, lines 5-46).

Regarding claims 4 and 12, Madour et al. further teach that the network further comprises a Mobile Switching Centre (MSC, 52), and the step of sending an "A9-Set-up-A8" message from the BSC (51) to the PCF (53) is preceded by the step of sending a Handoff Request (58) from the MSC (52) to the BSC (51) (See Fig. 3, Col. 7, lines 5-46).

Regarding claims 5-6 and 13, Madour et al. further teach that the network further comprises a Mobile Switching Centre (MSC, 52), and the step of sending an "A9-Set-up-A8" message from the BSC (51) to the PCF (53) is preceded by the step of sending a Handoff Request (58) from the MSC (52) to the BSC (51) (See Fig. 5, Col. 7, line 62 – Col. 8 line 19).

Regarding claims 10 and 17, Madour et al. further teach that the PDSN (90) further is for sending in the A10 Connection Result an IP address to which the PDSN (90) wants to receive traffic intended for the MS (40) (See Fig. 5, Col. 8 lines 4-19).

Allowable Subject Matter

3. Claims 18-23 are allowed.

4. Claims 7-9 and 14-16 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims and if no art rejection can be applied.

Examiner's Statement of Reasons for Allowance

5. The following is an examiner's statement of reasons for allowance:

The prior art along or in combination fails to teach or make obvious the limitations for a method and system for device addressing over a computer network that specifically comprises:

"a second PDSN storing Point-to-Point Protocol (PPP) context information relating to a Mobile Station (MS) that has handed off to the first PDSN and a Home Agent (HA) that has registered that the MS is served by the second PDSN" as recited in the independent claims 18, 20 and 22.

"sending a Handoff Solicitation message from the first PDSN to the second PDSN; and sending a Response from the second PDSN to the first PDSN" as recited in the dependent claims 7 and 14.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Richard Chang whose telephone number is (571) 272-3129. The examiner can normally be reached on Monday - Friday from 8 AM to 5 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ricky Ngo can be reached on (571) 272-3139. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Art Unit: 2663

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

RKC
rkc

Richard Chang
Patent Examiner
Art Unit 2663

Ricky Ngo
RICKY NGO
PRIMARY EXAMINER

3/7/05